

## AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior listings and versions:

**1 to 56.** (canceled).

**57.** (currently amended): A cell comprising a complex between a non-naturally occurring zinc finger protein comprising 3 or more zinc finger domains, wherein ~~at least one of~~ the zinc finger domains comprises a non-naturally occurring recognition helix and chromosomal cellular chromatin; wherein the zinc finger protein is bound to a target site in a region of the cellular chromatin that is sensitive to digestion with DNaseI.

**58-67.** (canceled)

**68.** (previously presented): The cell of claim 57, wherein the zinc finger protein is encoded by a nucleic acid introduced into the cell.

**69.** (previously presented): The cell of claim 57, wherein the cell is a plant cell.

**70.** (previously presented): The cell of claim 57, wherein the cell is an animal cell.

**71.** (previously presented): The cell of claim 57, wherein the cell is a human cell.

**72-90.** (canceled)

**91.** (withdrawn) A method for forming a cell comprising a complex according to claim 57, wherein the method comprises:

(a) identifying a region of the cellular chromatin that is sensitive to digestion with DNaseI;

(b) identifying a target site for the zinc finger protein within the region that is sensitive to digestion with DNaseI; and

(c) introducing the zinc finger protein into the cell;  
whereby the zinc finger protein binds to the target site.

**92-95.** (canceled).

**96.** (withdrawn) The method according to claim 91 wherein the zinc finger protein is encoded by an nucleic acid introduced into the cell.

**97.** (withdrawn) The method according to claim 91, wherein the cell is a eukaryotic cell.

**98.** (withdrawn) The method according to claim 97, wherein the cell is a plant cell.

**99.** (withdrawn) The method according to claim 97, wherein the cell is a mammalian cell.

**100.** (withdrawn) The method according to claim 99, wherein the cell is a human cell.

**101.** (withdrawn) The method according to claim 91, wherein the binding site is in a coding region.

**102.** (withdrawn) The method according to claim 91, wherein the binding site is in a non-coding region.